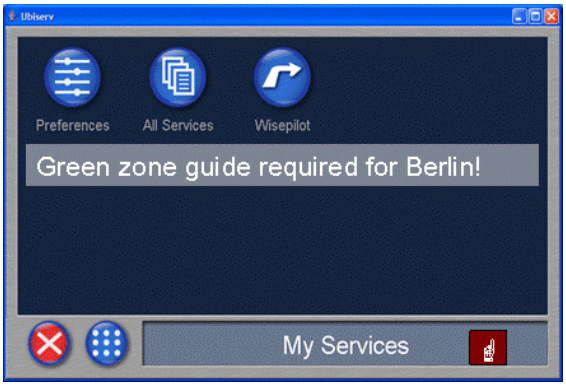
Demonstration #1: FOAM Service Provisioning 3G/M5 Communications

Introduction

This showcase demonstrates service provisioning from a Host Management Center to an On-Board CVIS Host using 5.9 GHz CALM M5 and cellular 3G communication. A Roadside Host makes a service announcement on a CALM M5 data broadcast channel, informing about a mandatory service in the local area. The vehicle host receives the service announcement, informs the user there is a mandatory service, and automatically subscribes to the service from the Host Management Center. The download of the actual service is made over cellular 3G communication.

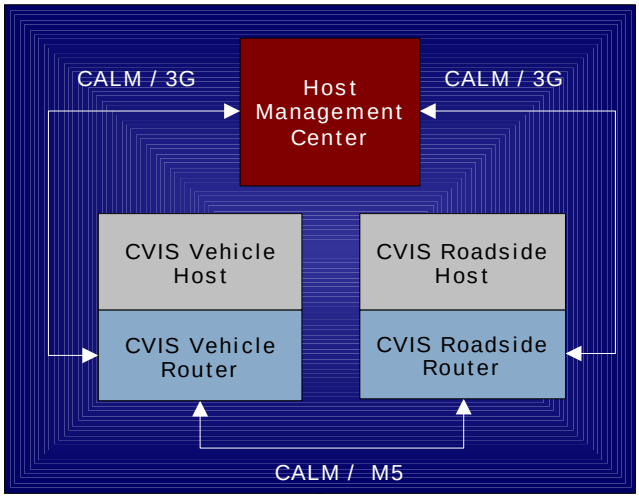
Services Application Provisioning



The showcase demonstrates a scenario of automatic service application provisioning in a CVIS system triggered directly by CALM M5 communication between two CVIS hosts. The showcase will also highlight the differences between the different provisioning concepts available in a CVIS system, e.g. automatic, operator driven, and end-user driven, and operator driven using the CVIS Application Manager provided by FOAM.

Architecture

The CVIS architecture for this showcase shows the reference execution platform in CVIS consisting of a CVIS host and a CVIS router. The Router platform is controlling the 3G and M5 communication modules. The Host platform hosts the CVIS middleware and service provisioning application.



Contact

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